

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 45509		SERIAL NO. 10/621,398							
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Paul D. Marko et al.		GROUP 2661							
				FILING DATE July 18, 2003									
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
KCT		4	4	2	9	3	9	0	1/1984	Sonoda et al.	714	762	
KCT		4	6	2	2	5	9	8	11/1986	Doi et al.	360	22	
KCT		4	8	8	1	2	4	1	11/1989	Pommier et al.	375	260	
KCT		5	1	9	1	5	7	6	3/1993	Pommier et al.	370	18	
KCT		5	1	9	7	0	6	1	3/1993	Halbert-Lassalle et al.	370	11	
KCT		5	2	2	8	0	2	5	7/1993	Le Floch et al.	370	206	
KCT		5	2	4	1	5	6	3	8/1993	Paik et al.	375	262	
KCT		5	2	7	8	8	6	3	1/1994	Briskman	375	130	
KCT		5	2	8	3	7	8	0	2/1994	Schuchman et al.	370	50	
KCT		5	3	0	5	3	5	3	4/1994	Weerackody	375	347	
KCT		5	3	1	9	6	7	3	6/1994	Briskman	455	13.1	
KCT		5	4	8	5	4	8	5	1/1996	Briskman et al.	375	130	
KCT		5	5	9	2	4	7	1	1/1997	Briskman	455	506	
KCT		5	7	2	0	0	3	9	2/1998	Lieberman	455	10	
KCT		5	7	4	5	4	9	7	4/1998	Ben-Efraim et al.	714	202	
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
KCT		0	0	3	6	7	8	3	6/2000	WIPO	H04L	1/06	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)													
KCT		Kallel, Samir, "Complementary Punctured Convolutional (CPC) Codes and Their Applications", IEEE Transactions on Communications, vol. 43, No. 6, Jun. 1995, pp. 2005-2009.											
KCT		Cain, J. Bibb, "Punctured Convolutional Codes of Rate (n-1)/n and Simplified Maximum Likelihood Decoding", IEEE Transactions on Information Theory, vol. IT-25, No. 1, Jan. 1979, pp. 97-100.											
KCT		D. Kail, "Direct Radio Broadcasting By Satellite (DRBS): A Review of the Technical Factors and System Approaches Suitable for Mobile and Fixed Reception", BBC RD Apr. 1989, pp. 1-22 © British Broadcasting Corporation 1989).											
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													



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EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
KCT	5	7	4	5	8	3	9	4/1998	Lieberman	455	10			
KCT	5	7	9	4	1	3	8	8/1998	Briskman	455	344			
KCT	5	8	4	8	1	0	3	12/1998	Weerackody	375	295			
KCT	5	8	6	4	5	7	9	1/1999	Briskman	375	130			
KCT	5	9	0	7	5	8	2	5/1999	Yi	375	259			
KCT	5	9	1	0	9	6	7	6/1999	Vanderaar	375	265			
KCT	6	0	8	4	8	6	5	7/2000	Dent	370	321			
KCT	6	1	5	4	4	5	2	11/2000	Marko et al.	370	321			
KCT	6	1	5	8	0	4	1	12/2000	Raleigh et al.	714	792			
KCT	6	1	7	8	3	1	7	1/2001	Kroeger et al.	455	296			
KCT	6	2	2	9	8	2	4	5/2001	Marko	370	477			
KCT	6	2	4	7	1	5	2	6/2001	Smallcomb	714	786			
KCT	6	2	5	9	8	9	3	7/2001	Kroeger et al.	455	61			
KCT	6	3	1	7	4	7	0	11/2001	Kroeger et al.	375	340			
KCT	6	3	4	5	3	7	7	2/2002	Kroeger et al.	714	790			
FOREIGN PATENT DOCUMENTS														
	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)														
KCT	Kroeger et al., "Robust modem and coating techniques for FM Hybrid IBOC DAB," IEEE Transactions on Broadcasting, vol. 43, No. 4, Dec. 1997, pp. 412-420.													
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/Khanh Tran/ (11/09/2006)